



The Gates Corporation
1551 Wewatta Street
Denver, CO 80202

**RECEIVED
CENTRAL FAX CENTER**

JAN 22 2004

FAX COVER SHEET

OFFICIAL

Date:	1/22/2004	Time:	9:27 AM
TO:	Examiner Hoang	FAX:	703-872-9306
From:	Jeffrey Thurnau Patent Counsel	Phone:	(303) 744-4743
		Fax:	(303) 744-4653

Number of pages including cover sheet: 4

SERIAL NO.: 10/040,317

DOCKET NO.: B01-068A

FILED: OCTOBER 25, 2001

TITLE: BELT DRIVE SYSTEM WITH AUTOMATIC BELT TENSION CONTROL

RESPONSE TO: COMMUNICATION MAILED OCTOBER 29, 2003

ATTACHMENTS INCLUDE: ARGUMENT - PAGES 1 THRU 3

PLEASE NOTE: The information contained in this facsimile is privileged and confidential and is intended only for the use of the individual named above and others who have been specifically authorized to receive it. If the one receiving it is not the intended recipient, you are hereby notified that any dissemination, distribution or copy of this communication is strictly prohibited. Thank you.

DOCKET NO. B01-068A

I hereby certify that this correspondence is being transmitted
by fax to number 703-872-9306 the Commissioner for Patents,
Alexandria, VA 22313 on January 22, 2004 for Gates Corporation
Signature: [Signature] Date signed: January 22, 2004

RECEIVED
CENTRAL FAX CENTER

JAN 22 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
Serkh, Alexander et al.)	Examiner: Hoang, Johnny H
)	
Serial No.)	Group Art Unit: 3747
10/040,317)	
Filed:)	
10/25/01)	
)	ARGUMENT
Title:)	
Belt Drive System with)	
Automatic Belt Tension Control)	

OFFICIAL

#5
1-28-04

Via Fax. 703-872-9306
Commissioner for Patents
Alexandria, VA 22313

Dear Examiner Hoang:

This argument is responsive to the final office action mailed 10/29/03. Please enter this argument in the subject case.

Amendment

I. In the Specification.

1. None.

II. In the Drawings.

1. None.

III. In the Claims.

1. None.

VI. Remarks.

The Examiner entered the following rejections.

1. Claims 1-4, 8-12, and 14-39 are rejected under 35 USC 102(b) as being anticipated by Hayakawa et al (US. 4,478,595).

As to claims 1, 8, 10, 17, 21, 29 the cited reference does not recite every limitation arranged as in the claim. Hayakawa comprises an actuator (1) that applies a tensioning force to a belt. However, Hayakawa does not directly sense a belt load parameter as claimed. Instead, a CPU calculates an actual tensioning force T in relation to a calculated bearing load H. The actual bearing load H is calculated by the CPU based on a known spring constant K, a piston displacement X and a known initial spring strain X₀. See col. 5, lines 52-68 and col. 7, lines 43-50. Measurement of X does not constitute sensing a belt